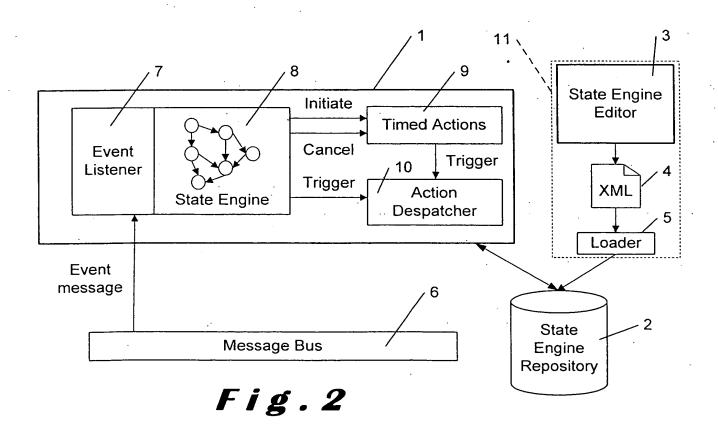
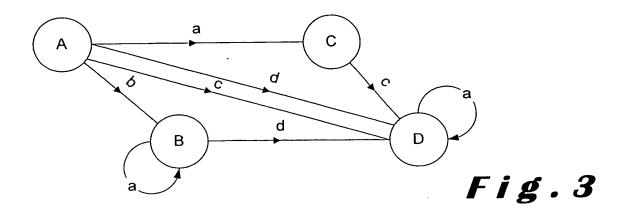


Fig. 1





Current State / Incoming Event	State A	State B	State C	State D
Event a	New Sate: State C Action 1 Action 2 Timed Action 1	Action 7 Timed Action 2		Action 1
Event b	New State: State B Action 3 Timed Action 2 Timed Action 3			
Event c	New State: State D Action 4 Action 5 Action 6		New State: State D Action 4 Action 5	
Event d	New State: State D Action 5	New State: State D Action 3 Action 5		

Fig.4

THE REPORT OF THE PROPERTY AND AND THE PROPERTY OF THE PROPERT	Residence of the Branch Street of the World of the Street
PSE>	Global element for the business
(0)	process state engine repository Definition of object types
<pre><objecttypes></objecttypes></pre>	Unique Ref ID of the object type
<objecttype xid="string"></objecttype>	(system generated)
<name>string</name>	Name of the object type
<pre><description>string</description></pre>	
<pre><objecttype xid="string"></objecttype></pre>	
<diagrams></diagrams>	Definition of state diagrams
<pre><diagram xid="string"></diagram></pre>	Unique Ref ID of the diagram (system
toragram man correspond	generated)
<name>string</name>	Name of the diagram
<pre><description>string</description></pre>	
<objecttyperef xid="string"></objecttyperef>	Ref of the object type on which the
	diagram applies
<diagram xid="string"></diagram>	
<states></states>	
<state xid="string"></state>	Unique Ref ID of the state (system
<name>string</name>	generated) Name of the state
<pre></pre>	
	Ref to the diagram to which the
<diagramref xid="string"></diagramref>	state belongs
<state xid="string"></state>	
<events></events>	
<event xid="string"></event>	Unique Ref ID of the event (system
	generated)
<name>string</name>	Name of the event
<pre><description>string</description></pre>	
<objecttyperef xid="string"></objecttyperef>	Object type on which event is
	applicable
<event xid="string"></event>	

Fig.5a

<actions></actions>	Def ID of the action
<a href="#">Action xid=string&gt;</a>	Unique Ref ID of the action (system generated)
<name>string</name>	Name of the action
<pre><description>string</description></pre>	Description of the action
<objecttyperef xid="string"></objecttyperef>	Object types on which action is applicable (optional)
<action xid="string"></action>	
<timedactions></timedactions>	
<timedaction xid="string"></timedaction>	Unique Ref ID of the timed action (system generated)
<name>string</name>	Name of the timedaction
<pre><description>string</description></pre>	Description of the timed action
<pre><objecttyperef xid="string"></objecttyperef></pre>	Object types on which timed action is applicable (optional)
<timeout>string</timeout>	Time when action(s) will fire (dd hh:mm)
<actions></actions>	Action(s) that will fire when timeout expires
<action xid="string"></action>	Ref to the action to be fired
	· · · · · · · · · · · · · · · · · · ·
<timedaction xid="string"></timedaction>	
<transitions></transitions>	
<transition xid="string"></transition>	
<pre><triggeringevent xid="string"></triggeringevent></pre>	Ref to the event that triggers th transition
<diagram xid="string"></diagram>	Ref to the state digram to which transition belongs
<pre><source xid="string"/></pre>	Ref to the source state of the transition
<target xid="string"></target>	Ref to the target state of the transition
<actions></actions>	Ref to the actions to be taken whetransition occurs
<action xid≔string=""></action>	
<timedactions></timedactions>	Ref to timed actions to be schedu
<pre><timedaction xid="string"></timedaction></pre>	

Fig.5b

Element	Description
EventMessage>	Global element for the event
	message
<header></header>	Event header information
<origin>string</origin>	Origin (system that generated the message on the bus)
<pre><messagedatetime>string</messagedatetime></pre>	When the message was sent (DD-MM-YYY HH:MM:SS)
<eventtype>string</eventtype>	What type of event
<eventdatetime>string</eventdatetime>	When the orginal event was created (DD-MM-YYY HH:MM:SS)
<location>string</location>	Where the event was created
<user>string</user>	Who created the event
<reason>string</reason>	Why the event was created
<method>string</method>	How the event was created
<objecttype>string</objecttype>	Object type on which the event applies
<objectid>string</objectid>	Object ID on which the event applied
<object></object>	Specific Object data associated with the event - format specific to the object type
<objectdatal><objectdatal></objectdatal></objectdatal>	Object specific data
<objectdatan><objectdatan></objectdatan></objectdatan>	Object specific data

Fig.5c

Element	Description 2
ActionMessage>	Global element for the action
	message
<header></header>	Action header information
<origin>string</origin>	Origin (system that generated the message on the bus)
<pre><messagedatetime>string</messagedatetime></pre>	Time>When the message was sent (DD-MM-YYY HH:MM:SS)
<actiontype>string</actiontype>	What type of action
<reason>string</reason>	Why the action was triggered
<objecttype>string</objecttype>	Object type on which the action applies
<objectid>string</objectid>	Object ID on which the action applies
<object></object>	Specific Object data associated with the event - format specific to the object type
<objectdatal><objectdatal></objectdatal></objectdatal>	Object specific data
<objectdatan><objectdatan></objectdatan></objectdatan>	Object specific data

Fig.5d

	Entities>Object types			
<u>Object types</u> Events	Object Type Editor			
Actions Times Actions State Diagrams	Name Description			
<u>States</u>	New	Update		
	Name	Description		
	Package Order CSTask	Package Shipping Order Customer Service Task		

Fig. 6

Object types	Entities>Events		
vents Actions		Event Editor	
rimes Actions State Diagrams States	Name Description Object type		
	New 2	<u>Update</u>	Delete 3
	Name	Description	Object type
·	Created CarrierIntransit CarrierPOD CPScanIn DeliveredUser	Package created Carrier in transit Carrier proof of delivery Scan in by CP Delivered to User	Package Package Package Package Package

Fig. 7

Object types	Entities>Actions		
<u>Events</u> Actions	Action Editor		
Times Actions State Diagrams States	Name Description Object type		
	New	Update	<u> Delete</u>
	Name	Description	Object type
	LogEvent CarrierCollect NotifyUser	Log event Notify Carrier to collect Send message to recipient	Package Package

Fig. 8

Object types Events Actions	Entities>TimedActions			
		Timed Action Editor		
Times Actions State Diagrams States	Name Description			
<u>Otatoo</u>	Object type			
	Timer (dd hh:mm)	to a dispersion on admin parents tooks among a bring through and an only are	j	
	Generic Actions		<u>X</u>	
	Object Specific Actions		<b>∑</b>	
	New	Update.i	Delete	
	Name	Description	Object type	
		Delivery package uncollected Delivery delayed	Package Package	
		Return not collected by carrier	Package	

Object types	Entities>StateDiagrams			
Events Actions		State Diagram Edito	or	
Fimes Actions State Diagrams States	Name Description Object type			
	New	Update	Delete Sa	
	Name	Description	Object type	
	PkgDelivery PkgReturn PickProcess	Package Delivery flow Package return flow Package picking flow	Package Package Order	

Fig. 10

Object types	Entities>States				
Events Actions	State Editor				
Times Actions State Diagrams States	Name Description State Diagram				
N. Zizeri	New	Update:	Delete		
[N	lame	Description	State Diagram		
<u>                                   </u>	Created nTransit DeliveredCP DeliveredUser	Package created Package in transit Package delivered in CP Package delivered to user	PkgDelivery PkgDelivery PkgDelivery PkgDelivery		

Fig. 11

PkgDelivery	Diagrams>PkgDelivery>Created			
<u>PkgReturn</u>	Transition Editor			
<u>PickProcess</u>	Triggering Event Target State Generic Actions			
Source State	$\neg$			
None Created InTransit	Object Specific Actions			
DeliveredCP DeliveredUser	Generic Timed Actions			
	Object Specific Timed Actions			
	New .	Delete		
	Triggering Event	Target State		
	Created CarrierIntransit CarrierPOD CPScanIn DeliveredUser	Created InTransit DeliveredCP DeliveredCP DeliveredUser		

Fig. 12

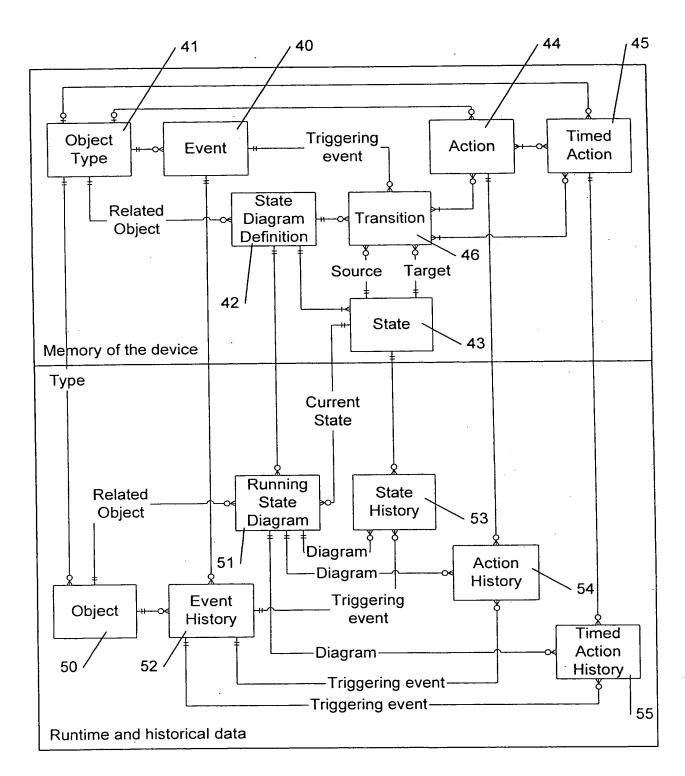


Fig. 13

End

Fig. 14